

What is claimed is:

1. A hydrogenated copolymer obtained by
hydrogenating a copolymer having a softening point
falling in a range of 45 to 55°C determined by a ball
5 & ring method, wherein the hydrogenated copolymer
has a softening point of 85 to 95°C determined by the
ball & ring method.
2. The hydrogenated copolymer as described in claim
10 1, wherein the copolymer is obtained from
cyclopentadiene and/or dicyclopentadiene and a vinyl-
substituted aromatic compound.
3. A production process for a hydrogenated
15 copolymer having a softening point of 85 to 95°C
determined by a ball & ring method, characterized by
subjecting a copolymer having a softening point
falling in a range of 45 to 55°C determined by the
ball & ring method to hydrogenation treatment.
- 20 4. The production process for a hydrogenated
copolymer as described in claim 3, wherein the
copolymer is obtained from cyclopentadiene and/or
dicyclopentadiene and a vinyl-substituted aromatic
25 compound.

5. A hot melt adhesive composition comprising the hydrogenated copolymer as described in claim 1.

5 6. The hot melt adhesive composition as described in claim 5, wherein the copolymer is obtained from cyclopentadiene and/or dicyclopentadiene and a vinyl-substituted aromatic compound.

10 7. The hot melt adhesive composition as described in claim 5 or 6, further comprising a base polymer and a plasticizer.

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